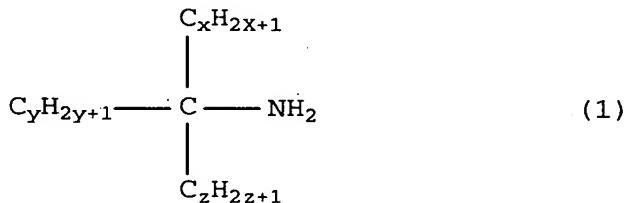


WE CLAIM:

1. A lubricating oil composition comprising lubricating oil base oil, said composition having a kinematic viscosity at 40°C of from 18 to 60 mm²/s, a viscosity index of from 130 to 150 and a density at 15°C of from 0.80 to 0.84 g.cm⁻³.

2. The lubricating oil composition of claim 1 further comprising a primary amine having a C₈ to C₂₀ tertiary alkyl group which can be represented by general formula (1) below



wherein x is an integer of value from 1 to 17, y is an integer of value from 1 to 17, z is an integer of value from 1 to 17, and x + y + z is an integer of value from 7 to 19.

3. The lubricating oil composition of claim 2 wherein from 0.001 to 5.0 parts by weight of the primary amine represented by general formula (1) is compounded per 100 parts by weight of the lubricating oil composition.

4. The lubricating oil composition of claim 1 wherein the composition has a flash point of at least 220°C as measured by JIS K2265.

5. The lubricating oil composition of claim 2 wherein the composition has a flash point of at least 220°C as measured by JIS K2265.

6. The lubricating oil composition of claim 3 wherein the composition has a flash point of at least 220°C as measured by JIS K2265.

7. The lubricating oil composition of claim 1 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
8. The lubricating oil composition of claim 2 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
9. The lubricating oil composition of claim 3 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
10. The lubricating oil composition of claim 4 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
11. The lubricating oil composition of claim 5 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
12. The lubricating oil composition of claim 6 wherein the lubricating oil base oil is a Fischer-Tropsch derived base oil.
13. The lubricating oil composition of claim 1 wherein said composition has a viscosity index of from 135 to 150.
14. The lubricating oil composition of claim 2 wherein said composition has a viscosity index of from 135 to 150.
15. The lubricating oil composition of claim 7 wherein said composition has a viscosity index of from 135 to 150.
16. The lubricating oil composition of claim 1 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.
17. The lubricating oil composition of claim 2 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.

18. The lubricating oil composition of claim 3 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.
19. The lubricating oil composition of claim 7 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.
20. The lubricating oil composition of claim 13 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.
21. The lubricating oil composition of claim 15 wherein said composition has a kinematic viscosity at 40°C of from 25 to 53 mm²/s.
22. The lubricating oil composition of claim 1 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
23. The lubricating oil composition of claim 2 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
24. The lubricating oil composition of claim 7 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
25. The lubricating oil composition of claim 13 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
26. The lubricating oil composition of claim 15 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
27. The lubricating oil composition of claim 16 wherein said composition has a density of from 0.81 to 0.84 g.cm⁻³.
28. The lubricating oil composition of claim 1 wherein said composition further comprises at least one lubricating oil additive selected from the group consisting of antioxidants, metal deactivators, extreme pressure additives, oil-improving agents, antifoaming agents, viscosity index improving agents, pour point depressants, cleaning dispersants, anti-rust agents and anti-emulsification agents.

29. The lubricating oil composition of claim 2 wherein said composition further comprises at least one lubricating oil additive selected from the group consisting of antioxidants, metal deactivators, extreme pressure additives, oil-improving agents, antifoaming agents, viscosity index improving agents, pour point depressants, cleaning dispersants, anti-rust agents and anti-emulsification agents.

30. The lubricating oil composition of claim 7 wherein said composition further comprises at least one lubricating oil additive selected from the group consisting of antioxidants, metal deactivators, extreme pressure additives, oil-improving agents, antifoaming agents, viscosity index improving agents, pour point depressants, cleaning dispersants, anti-rust agents and anti-emulsification agents.

31. A hydraulic oil comprising the lubricating oil of claim 1.

32. A machine tool oil comprising the lubricating oil of claim 1.

33. A gear oil comprising the lubricating oil of claim 1.

34. A compressor oil comprising the lubricating oil of claim 1.

35. A heat transfer fluid comprising the lubricating oil of claim 1.

36. A turbine oil comprising the lubricating oil of claim 1.

37. A bearing oil comprising the lubricating oil of claim 1.

38. A hydraulic oil comprising the lubricating oil of claim 2.

39. A machine tool oil comprising the lubricating oil of claim 2.

40. A gear oil comprising the lubricating oil of claim 2.
41. A compressor oil comprising the lubricating oil of claim 2.
42. A heat tranfer fluid comprising the lubricating oil of claim 2.
43. A turbine oil comprising the lubricating oil of claim 2.
44. A bearing oil comprising the lubricating oil of claim 2.
45. A hydraulic oil comprising the lubricating oil of claim 3.
46. A machine tool oil comprising the lubricating oil of claim 3.
47. A gear oil comprising the lubricating oil of claim 3.
48. A compressor oil comprising the lubricating oil of claim 3.
49. A heat tranfer fluid comprising the lubricating oil of claim 3.
50. A turbine oil comprising the lubricating oil of claim 3.
51. A bearing oil comprising the lubricating oil of claim 3.
52. A hydraulic oil comprising the lubricating oil of claim 7.
53. A machine tool oil comprising the lubricating oil of claim 7.
54. A gear oil comprising the lubricating oil of claim 7.
55. A compressor oil comprising the lubricating oil of claim 7.
56. A heat tranfer fluid comprising the lubricating oil of claim 7.

57. A turbine oil comprising the lubricating oil of
claim 7.

58. A bearing oil comprising the lubricating oil of
claim 7.